

Title (en)

OPERATING UNIT FOR LEMELAR BLINDS OR THE LIKE

Publication

EP 0298217 B1 19910403 (DE)

Application

EP 88107197 A 19880505

Priority

DE 3722631 A 19870709

Abstract (en)

[origin: EP0298217A1] The operating unit is intended for a lamellar blind or the like, in which the slats of the lamellar blind can be moved by means of a traction element, in particular a traction chain, having a housing (5) consisting, in particular, of plastic, an electric drive motor arranged in the housing (5), and a drive pinion or the like which is coupled with the drive motor, if appropriate via an interposed reducing gear, in which unit the housing (5) has a front wall (9), a rear wall (10) and side walls (11) and end walls (12) which connect the front wall (9) and rear wall (10), the traction element enters the housing through an opening (13) and is hooked onto the drive pinion, and in which a switching control device (14) is provided for the electric drive motor, can be retrofitted in a cost-effective, easy and flexible manner and permits simple manual operation of the lamellar blind, if necessary, by the fact that the opening (13) of the housing (5) is made in a side wall (11) and, preferably, a further, corresponding opening is made in the opposite side wall (7), and that the switching control device (14) or a receiving part of the switching control device (14) is arranged in or on the housing (5). <IMAGE>

IPC 1-7

E06B 9/32; E06B 9/68

IPC 8 full level

E06B 9/32 (2006.01); **E06B 9/68** (2006.01); **E06B 9/70** (2006.01)

CPC (source: EP US)

E06B 9/32 (2013.01 - EP US); **E06B 9/70** (2013.01 - EP US); **E06B 9/78** (2013.01 - EP US); **E06B 2009/785** (2013.01 - EP US)

Citation (examination)

US 2788481 A 19570409 - LUI HARRY M, et al

Cited by

EP0437907A1; EP0482252A1; US5793174A; DE102004012459A1; DE102004012459B4; DE19837267A1; AT397412B; EP0513794A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0298217 A1 19890111; EP 0298217 B1 19910403; AT E62319 T1 19910415; CA 1300487 C 19920512; DE 3862249 D1 19910508; ES 2022520 B3 19911201; GR 3002217 T3 19921230; US 4896713 A 19900130

DOCDB simple family (application)

EP 88107197 A 19880505; AT 88107197 T 19880505; CA 571144 A 19880705; DE 3862249 T 19880505; ES 88107197 T 19880505; GR 910400918 T 19910701; US 20632088 A 19880614